

Claims

1. Filter system for a household dishwasher comprising a wash space (11) and a liquid circuit that comprises a coarse sieve (33) and one or several fine filters (18,19), the coarse sieve (33) being movable between at least two positions with the aid of actuating means (29,31) arranged in the dishwasher **characterized in** that a part of the circulating liquid in the first position (Fig.3) flows through a collecting part (34) of the coarse sieve (33) whereas the circulating liquid in the second position (Fig.4) flows outside said collecting part.
2. Filter system according to claim 1 **characterized in** that the coarse sieve (33) is in the first position during the main part of the cleaning phase whereas the coarse sieve is in the second position during the main part of the rinsing phase.
3. Filter system according to any of the previous claims **characterized in** that the collecting part (34) of the coarse sieve is cup shaped.
4. Filter system according to any of the previous claims **characterized in** that coarse sieve (33) is provided with a filtering area (37) serving as a coarse sieve for the circulating liquid when the coarse sieve is in its second position.
5. Filter system according to claim 4 **characterized in** that the collecting part (34) of the coarse sieve (33) is provided with a circular wall part and a bottom (36) whereas the filtering area (37) area constitutes an extension of the circular wall part below said bottom (36).
6. Filter system according to any of the previous claims **characterized in** that said means (29,31) are activated and/or deactivated by the program control.
7. Filter system according to any of the previous claims **characterized in** that the bottom of the wash space (10) is provided with a liquid collecting container (17) divided into a first and a second chamber by means of a the fine filter (19), the first chamber communicating with a circulation pump whereas the second chamber is arranged to receive the coarse sieve (33).
8. Filter system according to claim 8 **characterized in** that the outer chamber is created by a tubular fine filter wall (21) and that the coarse sieve (33) has a corresponding shape and is movable axially from a lower position within the outer chamber to an upper position at least partly above the outer chamber.
9. Filter system according to any of the preceding claims **characterized in** that said actuating means is placed below the coarse sieve.

10. Filter system according to claim 9 **characterized in** that said actuating means (29,31) is a so called wax actuator.